

OCT - 1 2001

K012144

510(k) Summary

(As Required by Section 807.92 (c))

1. Submitter

Name: Unicare Biomedical
Address: 25951 La Cuesta Avenue, Laguna Hills, CA 92653
Contact: Stan Yang, 949-643-6707
Date: July 6, 2001

2. Device Name

Trade Name: CytoFlex™
Common Name: ePTFE barrier membrane
Classification Name: Implant, Endosseous for bone filling and/or augmentation
Device Classification: Unclassified

3. Predicate Devices

Intec BioBarrier membrane (K974752; Intec Corporation)
Osteogenics Cytoplast GBR (K964342; Osteogenics Corporation)
Gore-tex Regenerative Material (K922627; W.L. Gore & Associates, Inc.)
TefGen-FD (K935137; American Custom Medical)

4. Device Description

CytoFlex™ is a non-resorbable barrier membrane that is composed of microporous ePTFE material. The sterile membrane has a nominal thickness of 250 microns and is supplied in a variety of shapes and sizes in sealed pouches. The biocompatibility of ePTFE has been established through a long history of use in a variety of implant applications. CytoFlex™ membrane is tested, evaluated and found to be substantially equivalent to legally marketed predicate devices.

5. Indication

CytoFlex™ is a temporarily implantable material (non-resorbable) for use as a space-making barrier in the treatment of periodontal defects.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

OCT - 1 2001

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. Stan Yang
Vice President
Unicare Biomedical, Incorporated
25951 La Cuesta Avenue
Laguna Hills, California 92653

Re: K012144

Trade/Device Name: Cytoflex
Regulation Number: None
Regulation Name: Endosseous Implant for Bone Filling and Augmentation
Regulatory Class: Unclassified
Product Code: LYC
Dated: July 6, 2001
Received: July 10, 2001

Dear Mr. Yang:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

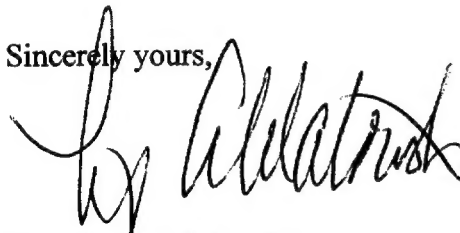
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies.

You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (section 531-542 of the Act; 21); CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Timothy A. Ulatowski", written over the "Sincerely yours," text.

Timothy A. Ulatowski

Director

Division of Dental, Infection Control
and General Hospital Devices

Office of Device Evaluation

Center for Devices and
Radiological Health

Enclosure

510 (K) NUMBER (IF KNOWN): K012144

DEVICE NAME: CYTOFLEX™

INDICATIONS FOR USE:

A temporarily implantable material (non-resorbable) for use as a space-making barrier in the treatment of periodontal defects.

(PLEASE DO NOT WRITE BELOW THIS LINE. CONTINUE ON ANOTHER PAGE IF NEEDED.)

Concurrence of CDRH, Office Of Device Evaluation (ODE)

Prescription of Use ✓
(Per 21 CFR 801.109)

or

Over-The-Counter-Use _____
(Optional format 1-2-96)

(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K012144